



**MIAMI-DADE COUNTY**  
**BUILDING CODE COMPLIANCE OFFICE (BCCO)**  
**PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA**  
**METRO-DADE FLAGLER BUILDING**  
**140 WEST FLAGLER STREET, SUITE 1603**  
**MIAMI, FLORIDA 33130-1563**  
**(305) 375-2901 FAX (305) 372-6339**

## **NOTICE OF ACCEPTANCE (NOA)**

**[www.maimidade.gov/buildingcode](http://www.maimidade.gov/buildingcode)**

**T. M. Window, LLC**  
**601 NW 12<sup>th</sup> Ave.**  
**Pompano Beach, FL 33069**

### **SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### **DESCRIPTION: Series 805 Aluminum Horizontal Rolling Window – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **W08-81**, titled "Series 805 Alum. Horizontal Rolling Wdw. (L.M.I.)", sheets 1 through 7 of 7, dated 09/19/08 with the latest revision "**B**" dated 02/10/10, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

### **MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**LIMITATIONS:** Glass Type "E": The Maximum Design Pressure Rating of  $\pm 79.0$  psf for Metallic Sweep Latches.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises **NOA No. 09-0105.02** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



*J. Gascon*  
*2/24/10*

**NOA No. 09-1110.02**  
**Expiration Date: May 13, 2014**  
**Approval Date: March 17, 2010**  
**Page 1**


**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **W08-81**, Sheets 1 through 7 of 7, dated 09/19/08 with the latest revision "**B**" dated 02/10/10, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E.

**B. TESTS**

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
along with marked-up drawings and installation diagram of aluminum horizontal rolling window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5945**, dated 07/31/09, signed & sealed by Julio E. Gonzalez, P. E.
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of aluminum horizontal rolling window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5457**, dated 01/22/08, signed & sealed by Carlos S. Rionda, P. E.  
*(Submitted under previous NOA No. 09-0105.02)*
3. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of aluminum horizontal rolling window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5459**, dated 01/17/08, signed & sealed by Michael R. Wenzel, P. E.  
*(Submitted under previous NOA No. 09-0105.02)*
4. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of aluminum horizontal rolling window (XO), prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3995**, dated 11/13/03, signed and sealed by Edmundo Largaespada, P. E.  
*(Submitted under previous NOA No. 04-0120.01)*



**Jaime D. Gascon, P. E.**  
**Chief, Product Control Division**  
**NOA No. 09-1110.02**  
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**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS (CONTINUED)**

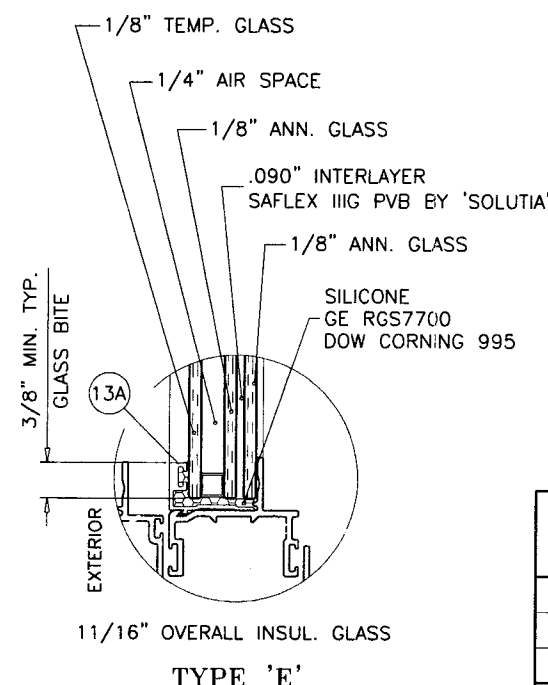
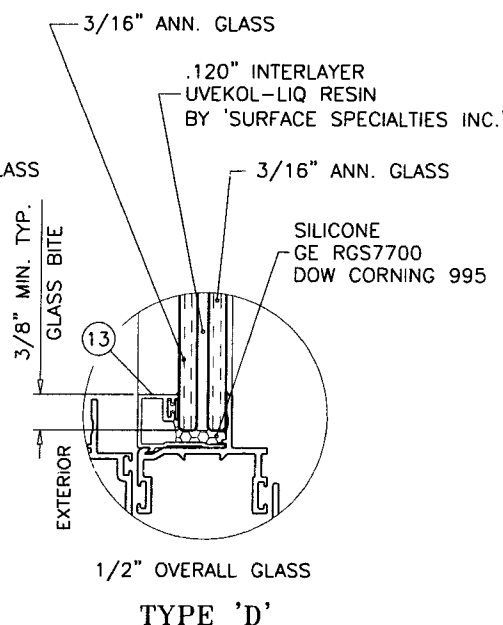
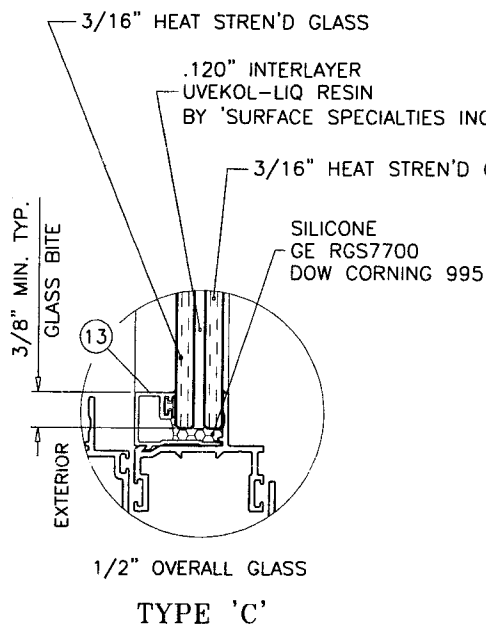
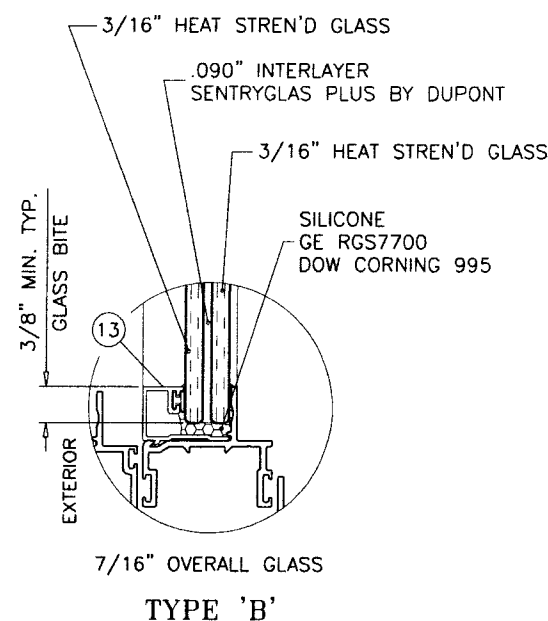
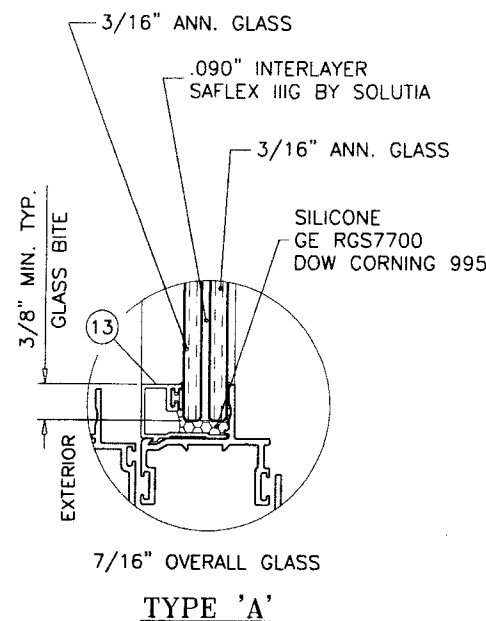
4. Laboratory compliance letter for Test Report No. **FTL-5457**, issued by Fenestration Testing Laboratory, Inc., dated March 13, 2008, signed and sealed by Carlos S. Rionda, P. E.  
*(Submitted under previous NOA No. 09-0105.02)*
5. Laboratory compliance letter for Test Report No. **FTL-5459**, issued by Fenestration Testing Laboratory, Inc., dated February 21, 2008, signed and sealed by Michael R. Wenzel, P. E.  
*(Submitted under previous NOA No. 09-0105.02)*
6. Laboratory compliance letter for Test Report No.'s **FTL-3946** and **FTL-3995**, issued by Fenestration Testing Laboratory, Inc., dated November 04 and 13, 2003, both signed and sealed by Edmundo Largaespada, P. E.  
*(Submitted under previous NOA No 04-0120.01)*
7. Proposal issued by BCCO, dated October 09, 2008, signed by Manuel Perez, P. E.

**G. OTHERS**

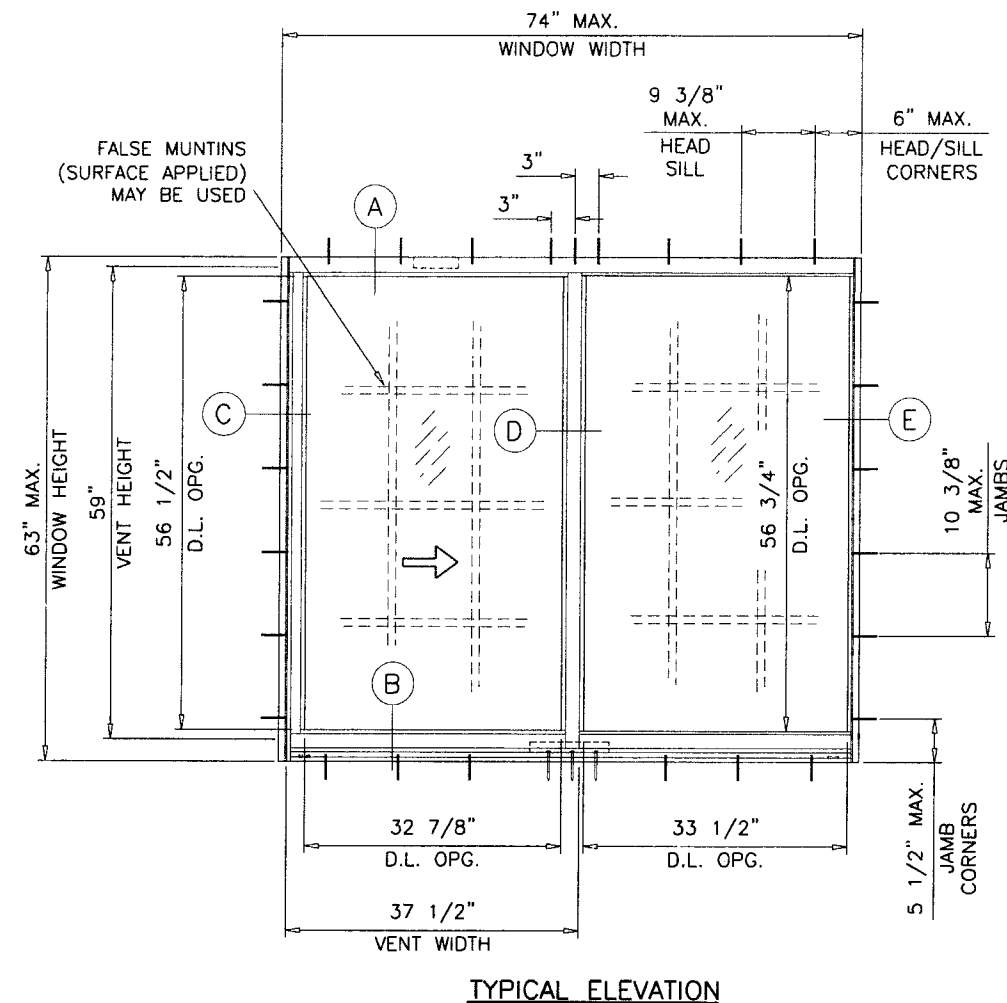
1. Notice of Acceptance No. **09-0105.02**, issued to T. M. Window & Door, LLC. for their Series "805" Aluminum Horizontal Rolling Window w/ & w/o Reinforcement – L.M.I., approved on 03/04/09 and expiring on 05/13/14.



Jaime D. Gascon, P. E.  
Chief, Product Control Division  
NOA No. 09-1110.02  
Expiration Date: May 13, 2014  
Approval Date: March 17, 2010



### GLAZING OPTIONS



XO OR OX SIZES MAXIMUM DESIGN LOAD RATING - PSF FOR SIZES SHOWN ABOVE OR SMALLER									
GLASS TYPE 'A'	GLASS TYPE 'B'	GLASS TYPE 'C'	GLASS TYPE 'D'	GLASS TYPE 'E'					
EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
80.0	90.0	90.0	130.0	90.0	90.0	55.0	55.0	79.0	79.0

LOADS SHOWN ABOVE ARE FOR WINDOW VENTS WITH SPRING LOADED ALUMINUM LATCHES, FOR METALLIC SWEEP LATCHES LIMIT MAX. LOADS TO ±80.0 PSF.

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-04 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.  
SHUTTERS ARE NOT REQUIRED.

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
FEB 19 2010

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 09-1110.02  
Expiration Date 03/13/2014  
By: [Signature]  
Miami Dade Product Control  
Division

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP - ANL\W08-81TMM

SERIES 805 ALUM HORIZONTAL ROLLING WDW. (L.M.I.)

**TM WINDOWS, LLC.**  
601 N.W. 12TH AVE.  
POMPANO BEACH, FL. 33069  
TEL. (954) 781-4430 FAX. (954) 781-3595

revisions:	no	date	by	description
	A	09.09.09		GENERAL REVISION
	B	02.10.10		REV. PER BCCO COMMENTS

date: 09-19-08  
scale: 1/2"=1'-0"  
dr. by: HAMID  
chk. by:

drawing no.  
**W08-81**  
sheet 1 of 7

### SERIES 805 ALUMINUM HORIZONTAL ROLLING WDW.

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER  
CHARTS SHOWN ON SHEETS 1 & 2.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE  
COMBINATIONS OF H.R./H.R. OR HORIZONTAL ROLLING WITH OTHER  
MIAMI-DADE COUNTY APPR'D WINDOWS USING MIAMI-DADE COUNTY  
APPROVED MULLIONS IN BETWEEN.  
LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL  
WILL APPLY TO ENTIRE SYSTEM.

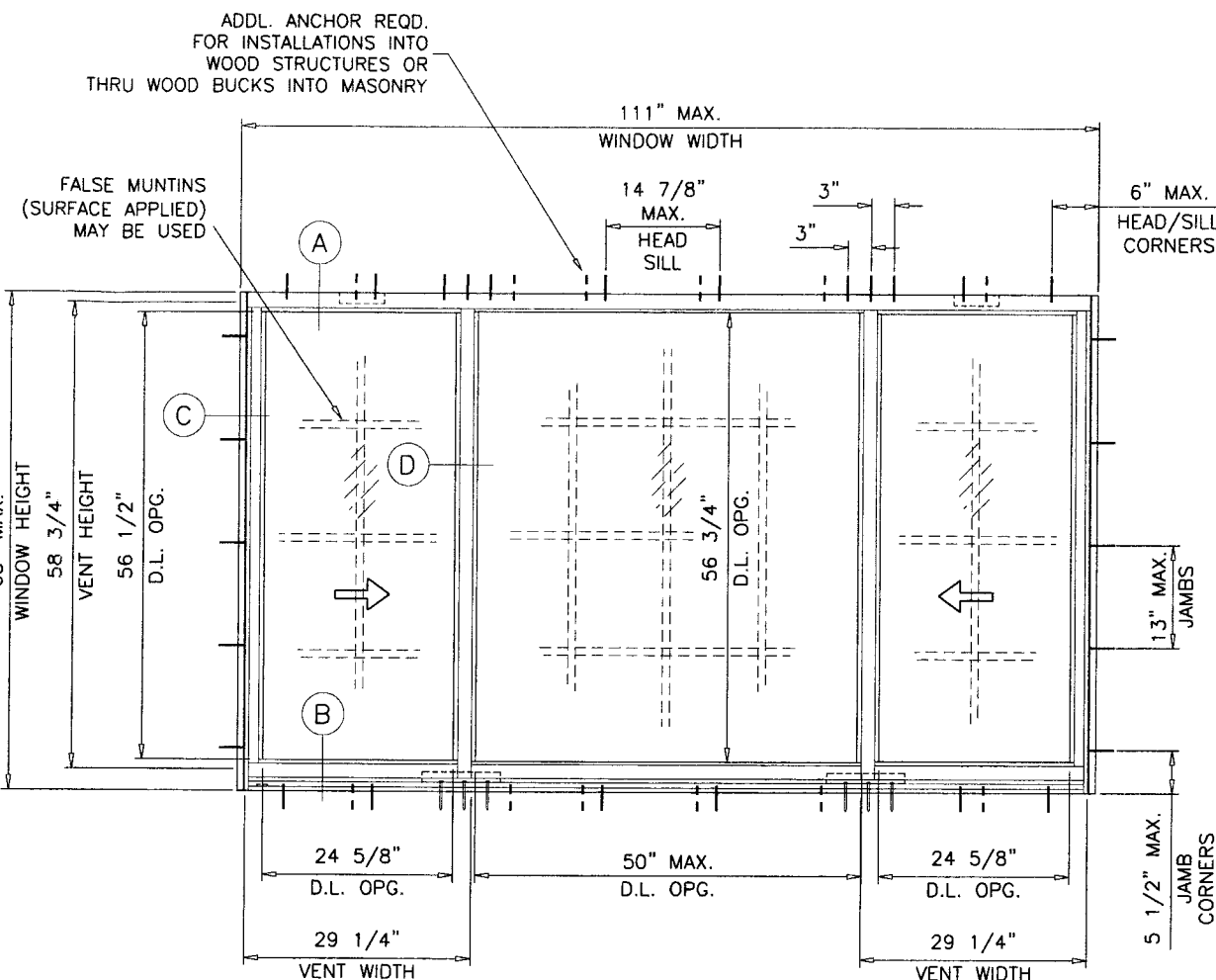
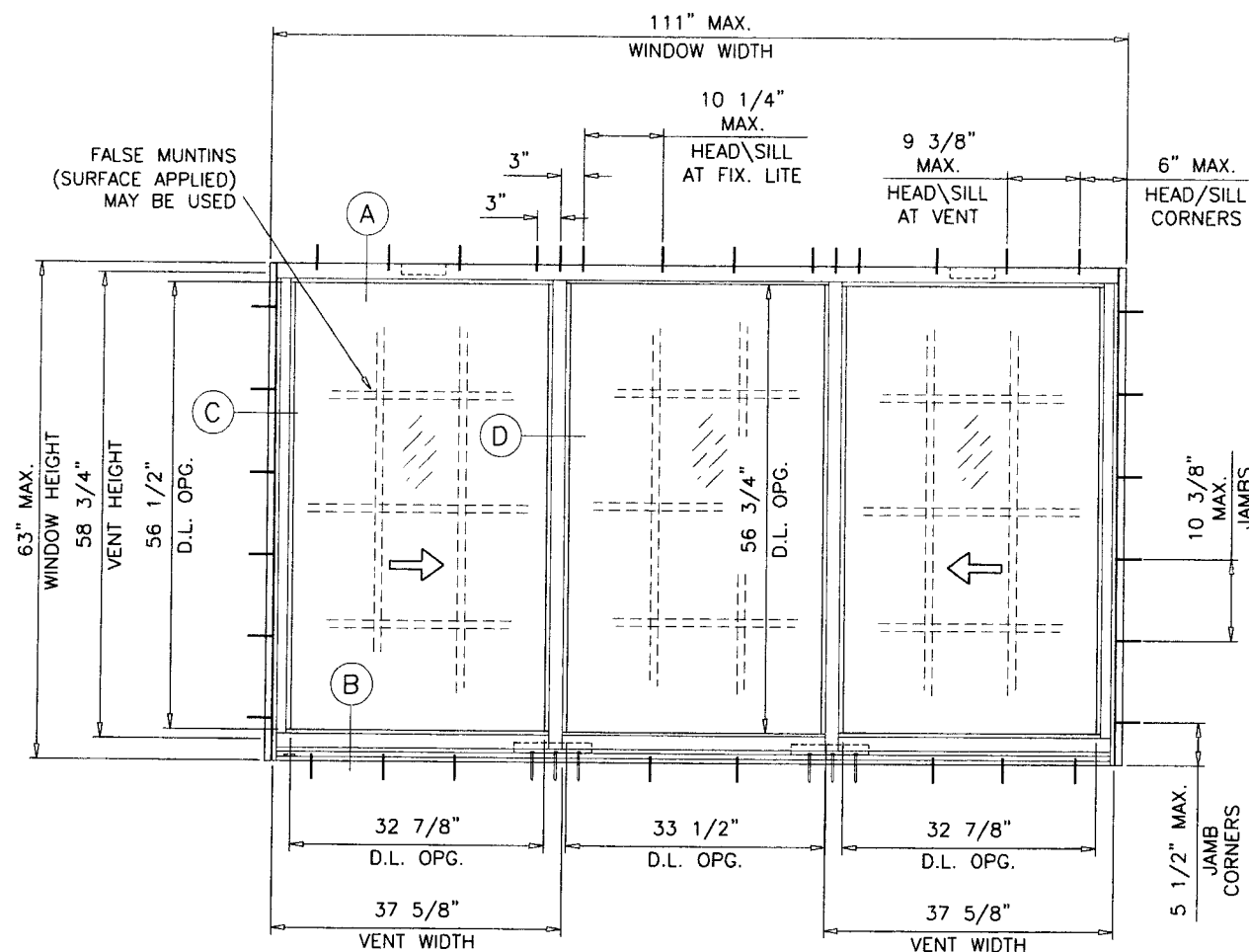
THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE  
REQUIREMENTS OF THE FLORIDA BUILDING CODE 2007 EDITION INCLUDING  
HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER  
LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS  
EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.  
ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS  
ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO  
CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS  
OF 2007 FLORIDA BLDG. CODE SECTION 2003.8.4.



TYPICAL ELEVATIONS

XOX SIZES							
MAXIMUM DESIGN LOAD RATING - PSF							
FOR SIZES SHOWN ABOVE OR SMALLER							
GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'		GLASS TYPE 'E'	
EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
80.0	90.0	90.0	130.0	90.0	90.0	79.0	79.0

LOADS SHOWN ABOVE ARE FOR WINDOW VENTS WITH SPRING LOADED ALUM LATCHES, FOR METALLIC SWEEP LATCHES LIMIT MAX. LOADS TO ±80.0 PSF.

XOX SIZES			
MAXIMUM DESIGN LOAD RATING - PSF			
FOR SIZES SHOWN ABOVE OR SMALLER			
GLASS TYPE 'A'		GLASS TYPE 'B'	
EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
80.0	90.0	90.0	130.0

LOADS SHOWN ABOVE ARE FOR WINDOW VENTS WITH SPRING LOADED ALUM LATCHES, FOR METALLIC SWEEP LATCHES LIMIT MAX. LOADS TO ±80.0 PSF.

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-04 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

09-19-08  
FEB 19 2010

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 09-1110.02  
Expiration Date 05/13/2014

By: *[Signature]*  
Miami Trade Product Control  
Division

**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP - ANL\W08-81TMW

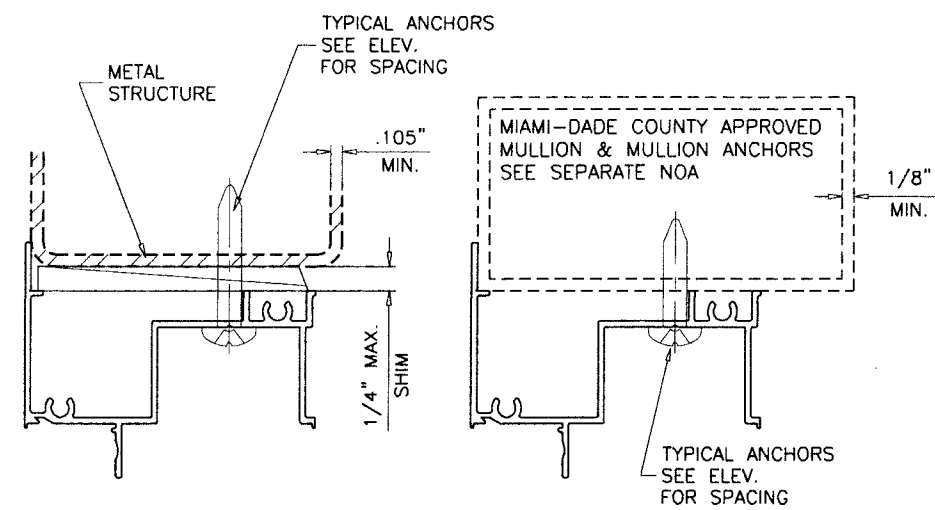
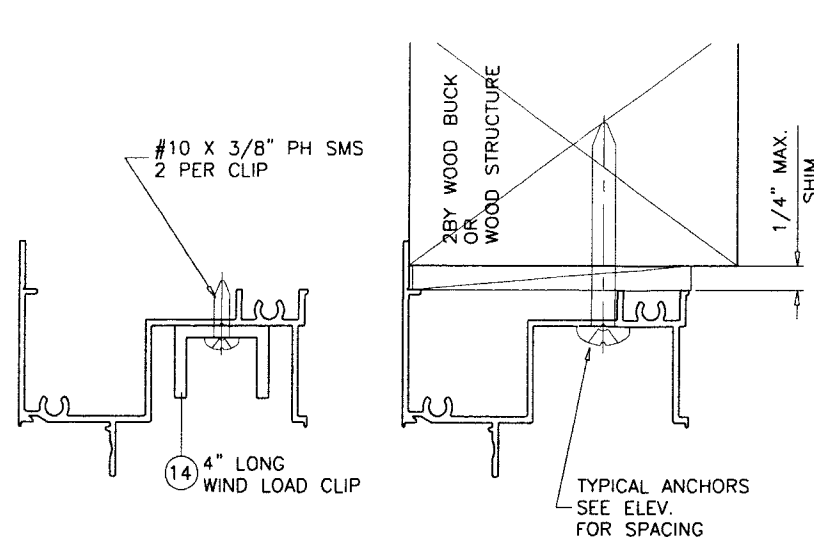
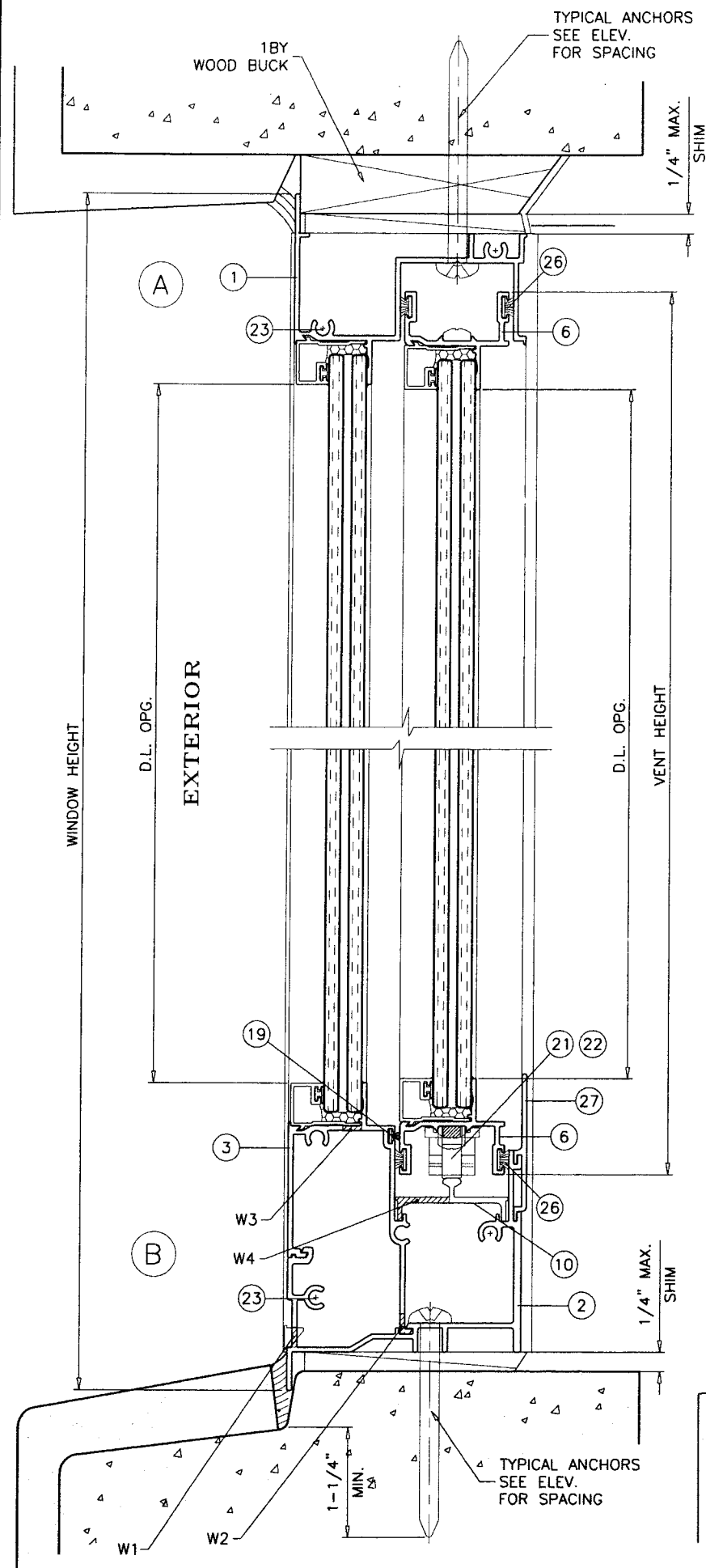
SERIES 805 ALUM HORIZONTAL ROLLING WDW. (L.M.I.)  
**TM WINDOWS, LLC.**  
601 N.W. 12TH AVE.  
POMPANO BEACH, FL. 33069  
TEL. (954) 781-4430 FAX. (954) 781-3595

revisions:	no	date	by	description
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	B	02.10.10		REV. PER BCCO COMMENTS

date: 09-19-08  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W08-81**

sheet 2 of 7



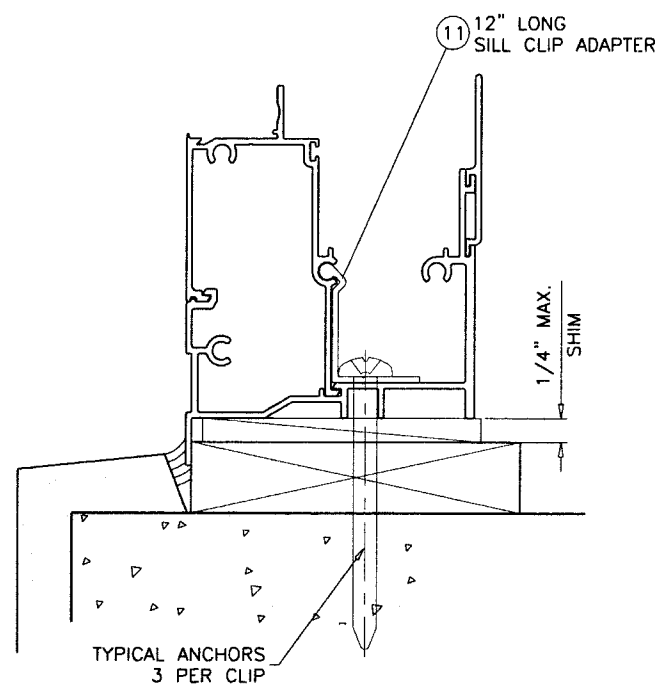
WOOD BUCKS AND METAL STRUCTURE NOT BY TM WINDOWS MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

#### SEALANTS:

ALL FRAME AND VENT JOINTS AND CONNECTIONS SEALED WITH SILICONE OR ACRYLIC SEALANT.

#### WEEPHOLES:

- W1 = 1-1/4" X 1/4" WEEPHOLES WITH PLASTIC BAFFLE AT 4-7/8" FROM EACH END AND AT MIDSPAN
- W2 = 1-1/4" X 1/4" WEEPHOLES AT 4-7/8" FROM EACH END AND AT MIDSPAN
- W3 = 2" LONG WEEP NOTCH AT EACH END
- W4 = 1" LONG WEEP NOTCH AT 32" FROM EACH END



#### TYPICAL ANCHORS: SEE ELEV. FOR SPACING

**1/4" DIA. ULTRACON BY 'ELCO'** (Fu=177 KSI, Fy=155 KSI) INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY 1-5/8" MIN. EMBED INTO CONC. OR MASONRY

**1/4" TEKS OR SELF DRILLING SCREWS** (GRADE 2 CRS) INTO METAL STRUCTURES

STEEL : 0.105" MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#### #14 SMS OR SELF DRILLING SCREWS

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8") (NO SHIM SPACE)

#### TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.

C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

*[Signature]*

FEB 19 2010

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Building Code  
Acceptance No. 09-1110.02  
Expiration Date 05/13/2014  
By *[Signature]*  
Miami Dade Product Control  
Division

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W08-81TMW

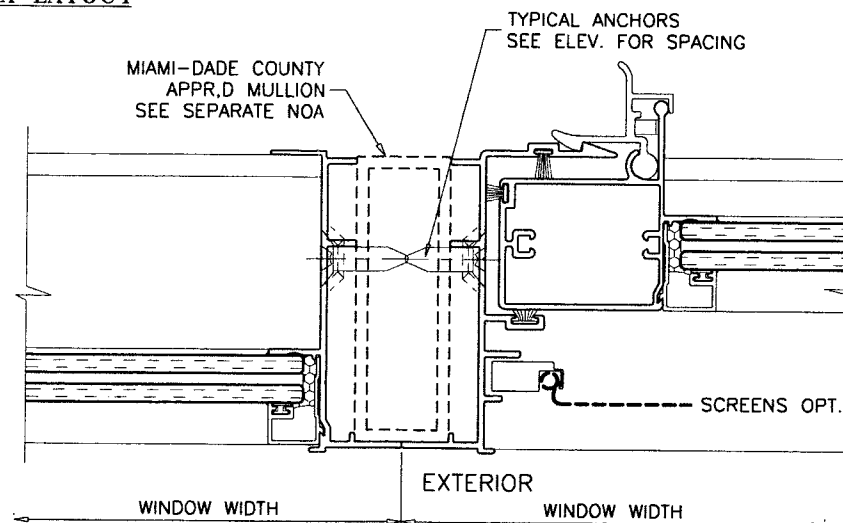
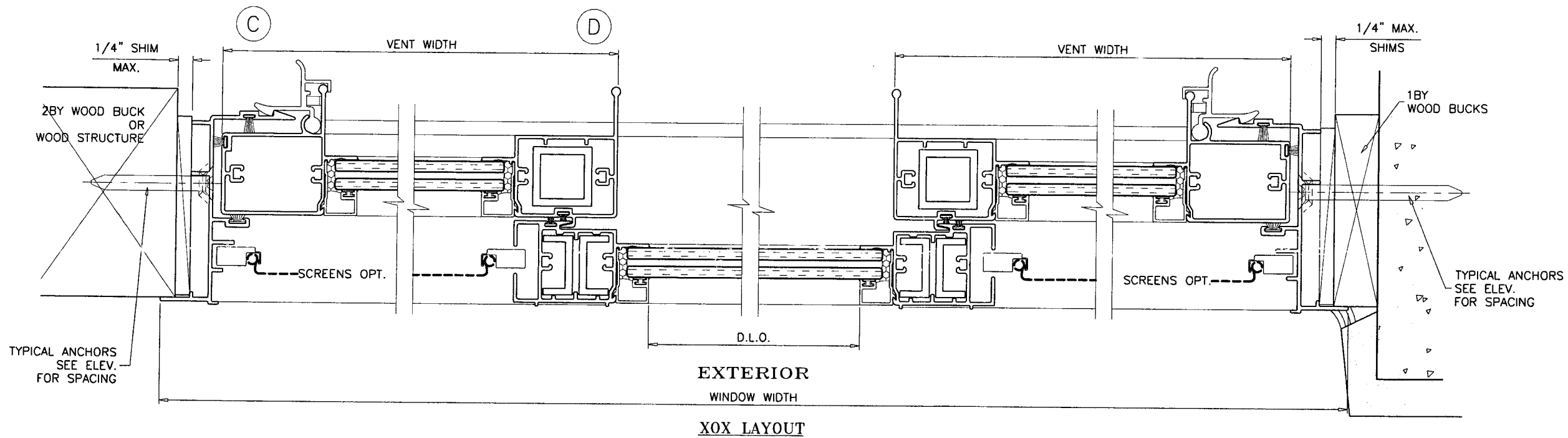
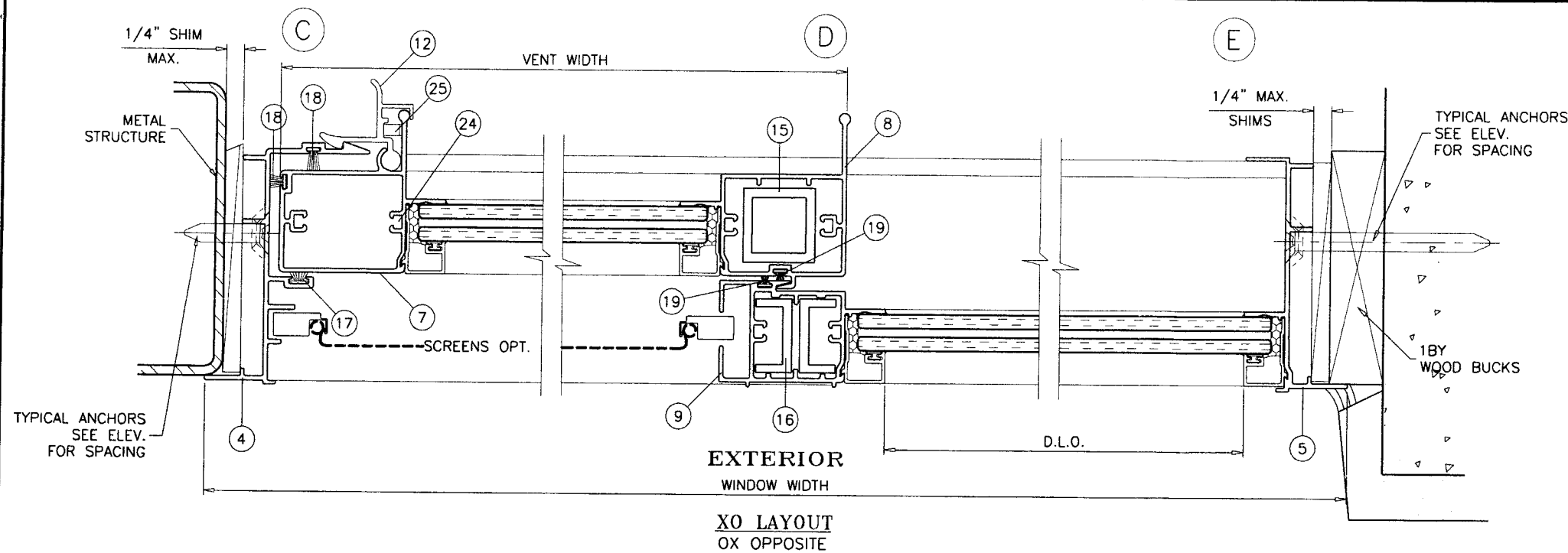
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date: 09-19-08  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W08-81**

sheet 3 of 7



# VENTS WITH SPRING LOADED LATCHES

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

*[Signature]*  
FEB 19 2010

PRODUCT REVISED  
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Acceptance No. **09-1110.02**  
Expiration Date **03/31/2014**  
By *[Signature]*  
Miami Dade Product Control  
Division

SERIES 805 ALUM HORIZONTAL ROLLING WDW. (L.M.I.)

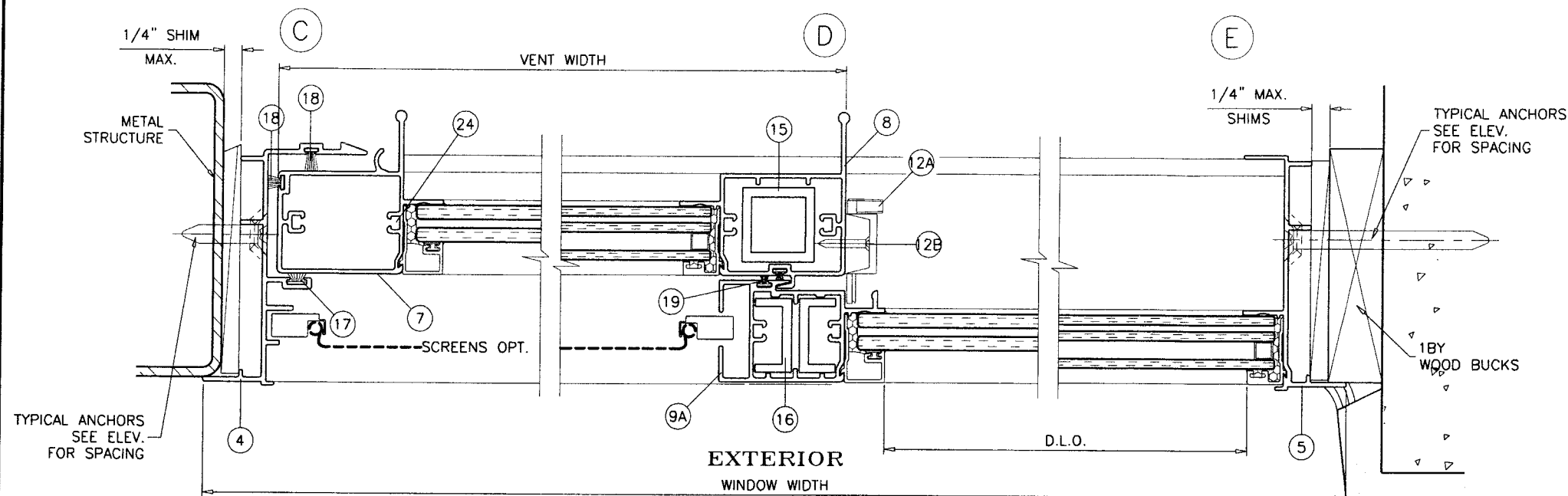
**TM WINDOWS, LLC.**  
501 N.W. 12TH AVE.  
POMPANO BEACH, FL. 33069

TEL. (954) 781-4430 FAX. (954) 781-3595

**af c**  
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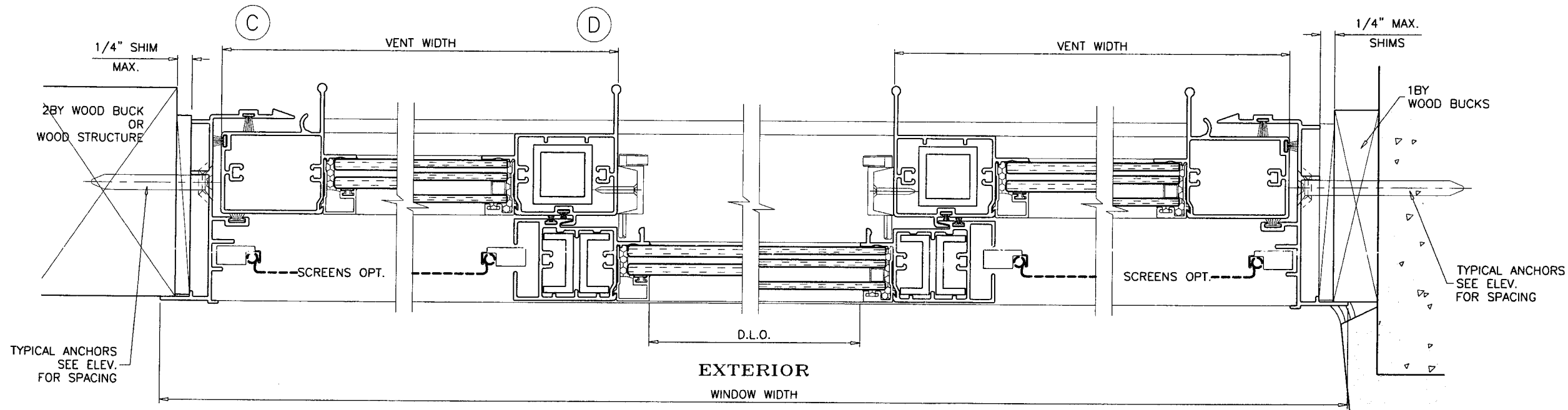
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date: 09-19-08	scale: 1/2" = 1"	dr. by: HAMID		chk. by:
drawing no.				
W08-81				
sheet 4 of 7				



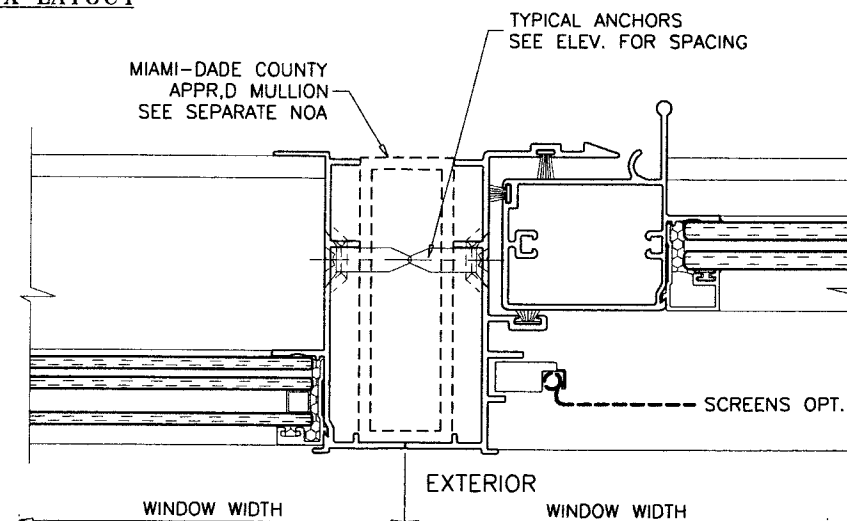
EXTERIOR  
WINDOW WIDTH

XO LAYOUT  
OX OPPOSITE



EXTERIOR  
WINDOW WIDTH

XOX LAYOUT



MIAMI-DADE COUNTY  
APPR.D MULLION  
SEE SEPARATE NOA

TYPICAL ANCHORS  
SEE ELEV. FOR SPACING

VENTS WITH  
SWEEP LATCHES

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

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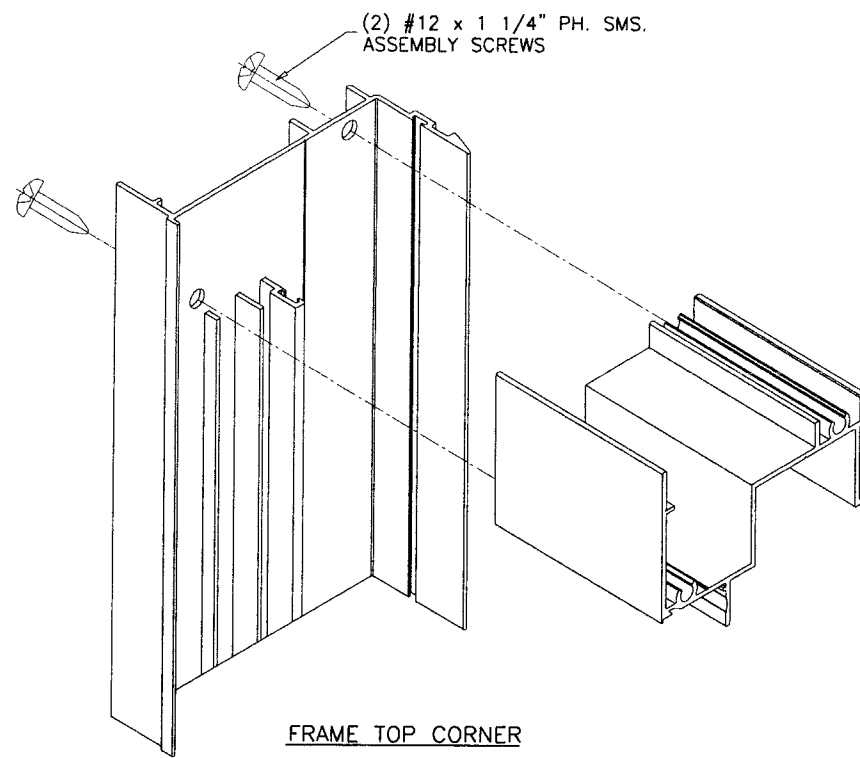
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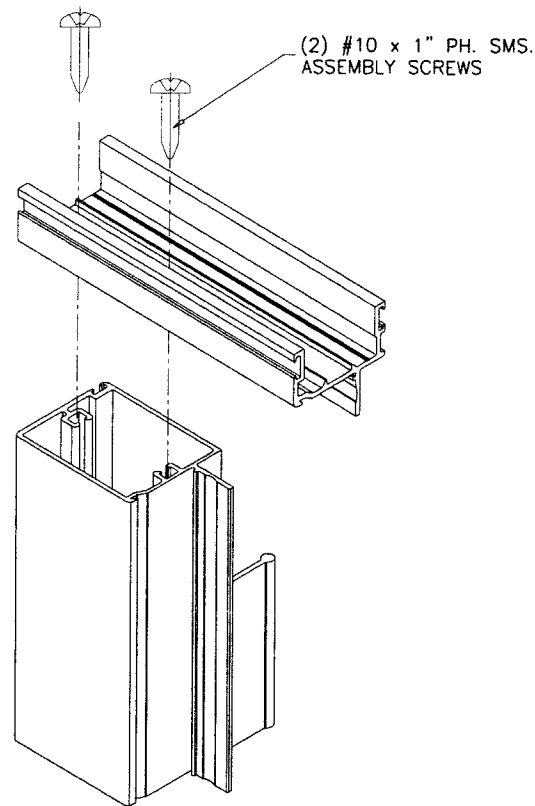
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sheet 5 of 7



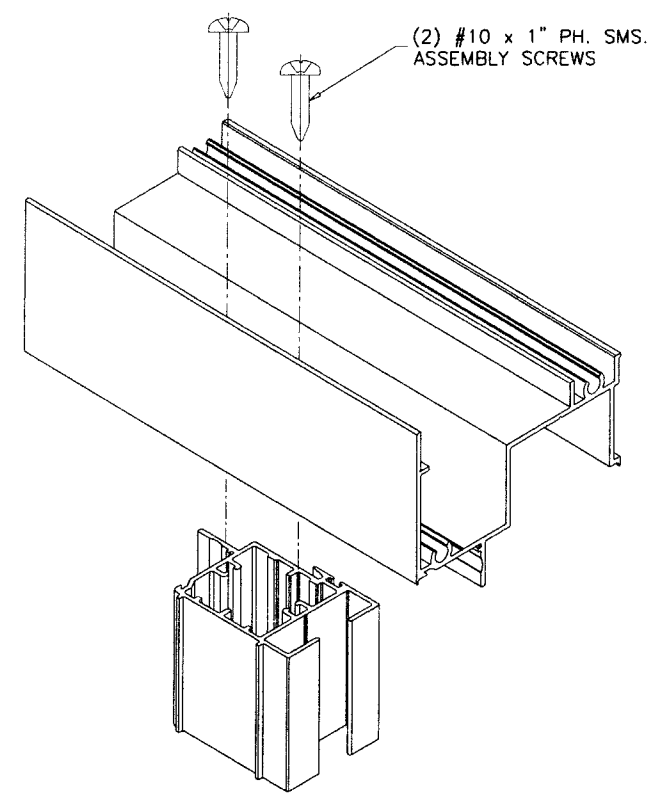




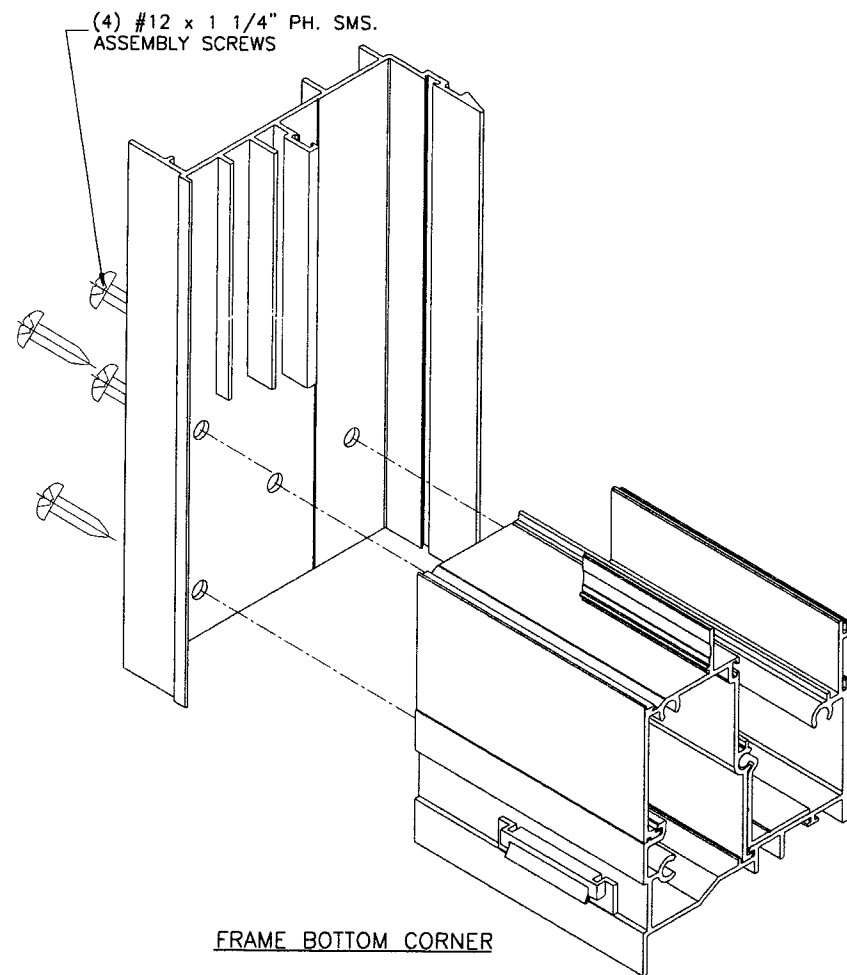
FRAME TOP CORNER



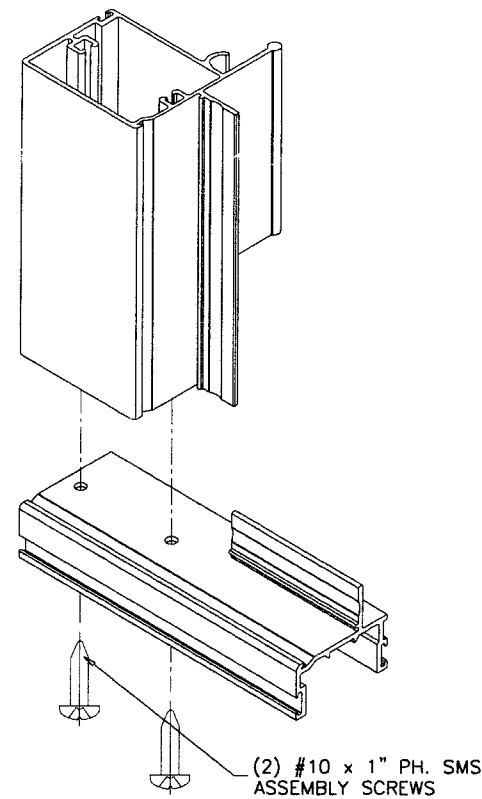
VENT TOP CORNER



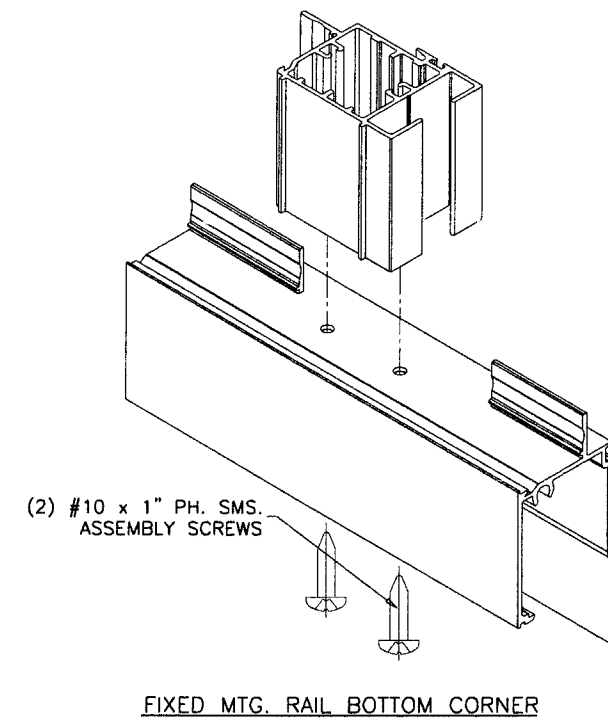
FIXED MTG. RAIL TOP CORNER



FRAME BOTTOM CORNER



VENT BOTTOM CORNER



FIXED MTG. RAIL BOTTOM CORNER

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

FEB 19 2010

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 09-1110.02  
Expiration Date 05/13/2014  
By *[Signature]*  
Miami Dade Product Control  
Division

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W08-81TAW

SERIES 805 ALUM HORIZONTAL ROLLING WDW. (L.M.I.)  
**TM WINDOWS, LLC.**  
601 N.W. 12TH AVE.  
POMPANO BEACH, FL. 33069  
TEL. (954) 781-4430 FAX. (954) 781-3595

revisions:	no	date	by	description
	A	09.09.09		GENERAL REVISION
	B	02.10.10		NO CHANGE THIS SHEET

date:	09-19-08
scale:	1/2" = 1"
dr. by:	HAMID
chk. by:	

drawing no.  
**W08-81**

sheet 7 of 7